Instruction manual

ESPAÑOL: PÁGINA 13 FRANÇAISE : PAGE 25

Double Insulated Disc Grinder



U.S. Patent D456,234 U.S. Patent D456,685 U.S. Patent D458,825 U.S. Utility Patent 6,464,57

To learn more about Porter-Cable visit our website at:

http://www.porter-cable.com



IMPORTANT

Please make certain that the person who is to use this equipment carefully reads and understands these instructions before starting operations.

The Model and Serial No. plate is located on the main housing of the tool. Record these numbers in the spaces below and retain for future reference.

Model No.

Туре _____

Serial No.

SAFETY GUIDELINES - DEFINITIONS

This manual contains information that is important for you to know and understand. This information relates to protecting YOUR SAFETY and PREVENTING EQUIPMENT PROBLEMS. To help you recognize this information, we use the symbols below. Please read the manual and pay attention to these sections.

ADANGER
indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
indicates a potentially hazardous situation which, if not avoided, may result in property damage.
AWARNING
Some dust created by power sanding, sawing, grindia drilling, and other construction activities contains chemical structure in the seriod structure in the series of the series of

AWARNING Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some example of these chemicals are:

- lead from lead-based paints
- crystalline silica from bricks and cement and other masonry products
- arsenic and chromium from chemically-treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, always wear MSHA/NIOSH approved, properly fitting face mask or respirator when using such tools.

GENERAL SAFETY RULES

AWARNING Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS.

WORK AREA

1. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.

2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.

3. Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

1. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double Insulation eliminates the need for the three wire grounded power cord and grounded power supply system.

2. Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.

3. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

4. Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

5. When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

PERSONAL SAFETY

1. Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

2. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.

3. Avoid accidental starting. Be sure switch is OFF before plugging in. Carrying tools with your finger on the switch or plugging in tools that have the switch ON invites accidents.

4. Remove adjusting keys or wrenches before turning the tool ON. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

5. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.

6. Use safety equipment. Always wear eye protection. Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

TOOLS USE AND CARE

1. Use clamps or other practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.

2. Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.

3. Do not use tool if switch does not turn it ON or OFF. Any tool that cannot be controlled with the switch is dangerous and must be repaired.

4. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

5. Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.

6. Maintain tools with care. Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.

7. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.

8. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

SERVICE

1. Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel could result in a risk of injury.

2. When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance Section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of electric shock or injury.

SPECIFIC RULES AND SYMBOLS

1. Always use proper guard with grinding wheel. A guard protects operator from broken wheel fragments.

2. Accessories must be rated for at least the speed recommended on the tool warning label. Wheels and other accessories running over rated speed can fly apart and cause injury.

3. Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

4. Always use an approved guard with those accessories that require a guard (see ACCESSORIES Section of this manual).

5. Use proper safety equipment. Wear safety goggles to protect your eyes and wear a protective mask to minimize breathing in the fine dust created while sanding. **NOTE:** Some wood contains preservatives which can be toxic. Take extra care to prevent inhalation and skin contact when working with these materials.

6. Sanding of lead-based paint is not recommended. Lead-based paint should only be removed by a professional.

7. Do not install woodcarving blade on this grinder.

8. SOME WOOD CONTAINS PRESERVATIVES WHICH CAN BE TOXIC. Take extra care to prevent inhalation and skin contact when working with these materials. Request, and follow, any safety information available from your material supplier.

9. AWARNING There are certain applications for which this tool was designed. Porter-Cable strongly recommends that this tool NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the tool until you have written Porter-Cable and we have advised you.

Technical Service Manager Porter-Cable Corporation 4825 Highway 45 North Jackson, TN 38305

ADDITIONAL SAFETY RULES FOR PAINT REMOVAL

AWARNING Extreme care should be taken when removing paint. The peelings, residue, and vapors of paint may contain lead, which is poisonous. Exposure to even low levels of lead can cause irreversible brain and nervous system damage; young and unborn children are particularly vulnerable.

Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done by your local health department or by a professional who uses a paint analyzer to check for lead.

LEAD-BASED PAINT SHOULD ONLY BE REMOVED BY A PROFESSIONAL.

Persons removing paint should follow these guidelines:

1. KEEP THE WORK AREA WELL VENTILATED. Open the windows and put an exhaust fan in one of them. Be sure the fan is moving air from inside to outside.

2. REMOVE OR COVER any carpets, rugs, furniture, clothing, cooking utensils and air ducts.

3. PLACE DROP CLOTHS in the work area to catch any paint chips or peelings. Wear protective clothing such as extra work shirts, overalls and hats.

4. WORK IN ONE ROOM AT A TIME. Furnishings should be removed or placed in the center of the room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.

5. CHILDREN, PREGNANT OR POTENTIALLY PREGNANT women and nursing mothers should not be present in the work area until the work is done and all cleanup is complete.

6. WEAR A DUST RESPIRATOR or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines. These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep the masks from sealing properly. Change filters often. DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.

7. KEEP FOOD AND DRINK out of the work area. Wash hands, arms, and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.

8. CLEAN UP ALL REMOVED PAINT and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surfaces where paint or dust is clinging. DO NOT SWEEP, DRY DUST OR VACUUM. Use a high phosphate detergent or trisodium (TSP) to wash and mop areas.

9. AT THE END OF EACH WORK SESSION put the paint chips and debris in a double plastic bag, close it with tape or twist ties and dispose of properly.

10. REMOVE PROTECTIVE CLOTHING and work shoes in the work area to avoid carrying dust into the rest of the dwelling. Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.

SYMBOL		DEFINITION			
V		volts			
A		amperes			
Hz		hertz			
W		watts			
kW		kilowatts			
μF		microfarads			
I		liters			
kg	kgkilograms				
N/cm ²	newtons per square centimeter				
Pa		pascals			
h	hours				
min		minutes			
S		seconds			
\sim		alternating current			
3 1		three-phase alternating current			
3№ ′ ∪		three-phase alternating current with neutral			
		direct current			
n ₀		no load speed			
\sim		alternating or direct current			
		Class II Construction			
		splash-proof construction			
••		watertight construction			
/min		revolutions or reciprocation per minute			

REPLACEMENT PARTS

When servicing use only identical replacement parts.

MOTOR

Many Porter-Cable tools will operate on either D.C., or single phase 25 to 60 cycle A.C. current and voltage within plus or minus 5 percent of that shown on the specification plate on the tool. Several models, however, are designed for A.C. current only. Refer to the specification plate on your tool for proper voltage and current rating.

CAUTION Do not operate your tool on a current on which the voltage is not within correct limits. Do not operate tools rated A.C. only on D.C. current. To do so may seriously damage the tool.

EXTENSION CORD SELECTION

If an extension cord is used, make sure the conductor size is large enough to prevent excessive voltage drop which will cause loss of power and possible motor damage. A table of recommended extension cord sizes will be found in this section. This table is based on limiting line voltage drop to 5 volts (10 volts for 230 volts) at 150% of rated amperes.

If an extension cord is to be used outdoors it must be marked with the suffix W-A or W following the cord type designation. For example – SJTW-A to indicate it is acceptable for outdoor use.

	Length of Cord in Feet												
	115V	25 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.			
	230V	50 Ft.	100 Ft.	200 Ft.	300 Ft.	400 Ft.	500 Ft.	600 Ft.	800 Ft.	1000 Ft.			
Nameplate Ampere Rating	0-2	18	18	18	16	16	14	14	12	12			
	2-3	18	18	16	14	14	12	12	10	10			
	3-4	18	18	16	14	12	12	10	10	8			
	4-5	18	18	14	12	12	10	10	8	8			
	5-6	18	16	14	12	10	10	8	8	6			
	6-8	18	16	12	10	10	8	6	6	6			
	8-10	18	14	12	10	8	8	6	6	4			
	10-12	16	14	10	8	8	6	6	4	4			
	12-14	16	12	10	8	6	6	6	4	2			
	14-16	16	12	10	8	6	6	4	4	2			
	16-18	14	12	8	8	6	4	4	2	2			
	18-20	14	12	8	6	6	4	4	2	2			

RECOMMENDED EXTENSION CORD SIZES FOR USE WITH PORTABLE ELECTRIC TOOLS

FUNCTIONAL DESCRIPTION

FOREWORD

Porter-Cable disc grinders are designed for numerous grinding operations. Typical applications are auto body grinding, smoothing welding beads, removing gates and flash from castings, removing rust and the like.

TO START AND STOP THE TOOL

AWARNING Make sure that the switch is "OFF" and power circuit voltage is the same as that shown on the specification plate.

- 1. Connect the tool to the power circuit.
- 2. Grip the tool firmly to resist starting torque.

- Slide the switch button (A) Fig. 1 forward to turn the tool "ON". When released, the switch button will return to the "OFF" position.
- To lock the switch in the "ON" position, move the switch to the "ON" position and depress the front end of the switch button (A) Fig. 1. To release the switch lock, depress the rear end of the switch button.

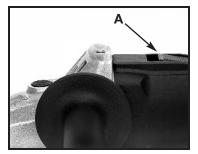


Fig. 1

Allow the tool spindle to stop rotating before putting the tool down.

ASSEMBLY

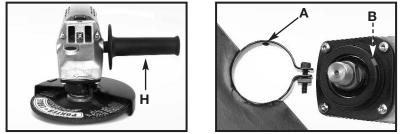


Fig. 2

Fig. 3

TO INSTALL AUXILIARY HANDLE

An auxiliary handle (H) Fig. 2 is furnished with this tool and can be installed on either side of the front housing. This handle should be used AT ALL TIMES to maintain complete control of the machine.

TO INSTALL WHEEL GUARD

A **TYPE 27** wheel guard is furnished with the machine. A **TYPE 1** wheel guard is available as an accessory. (See "ACCESSORIES"). Both guards are installed and adjusted in the same manner.

AWARNING Always use an approved and properly adjusted wheel guard. (See "ACCESSORIES").

AWARNING DISCONNECT TOOL FROM POWER CIRCUIT.

1. Rest the tool on its back with spindle facing up.

2. Align the protrusion (A) Fig. 3 on the guard flange with the slot (B) Fig. 3 on the mounting flange of the gear housing cover.



3. Seat the guard on the mounting flange. Rotate the guard to a position that will place the guard between the operator and the grinding wheel (or any other accessory requiring a guard). Tighten the clamp screw (A) Fig. 3A to secure the guard in proper position (see Fig. 4).

AWARNING Always make sure that the wheel guard is positioned between the operator and the wheel, so that flying chips or pieces of a wheel that might break will be deflected away from the operator (see Fig. 4).

TO INSTALL GRINDING WHEEL

AWARNING DISCONNECT TOOL FROM POWER CIRCUIT.

- 1. Rest the tool on its back with the spindle facing up.
- Install and adjust the appropriate wheel guard following instructions in "TO INSTALL WHEEL GUARD" section of this manual.
- 3. Position the inner flange (A) Fig. 5 on the spindle (C) with the round hub facing outward, away from machine. Rotate the flange until it drops into place on the spindle.



Fig. 5

ACAUTION Use Type 1 Wheel Guard when using Type 1 Wheels.

- 4. Place the grinding wheel on the spindle.
- 5. Place the outer flange (B) Fig. 6 on the spindle with the flat side against the wheel and thread into place hand-tight.
- 6. Depress the spindle lock pin (E) Fig. 7, and hold while rotating the grinding wheel clockwise by hand until the spindle lock engages.
- Continue holding the spindle lock pin while placing the lugs of the spanner wrench (F) Fig. 7 into the holes of the outer flange. Tighten securely by turning clockwise.



Fig. 6

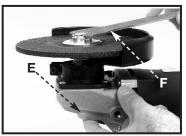


Fig. 7

OPERATION

USING A DISC GRINDER

Be certain that the wheel guard and auxiliary handle are installed.

Firmly grip the auxiliary handle and motor housing (Fig. 8). Lift up the rear of the motor housing so that only the front section of the grinding wheel contacts the work. Use light pressure. Always lift the grinder off the work before starting or stopping the motor. The arrow on the front gear housing indicates the direction in which the grinding wheel rotates.



Fig. 8

MAINTENANCE

KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

AWARNING Wear safety glasses while using compressed air.

FAILURE TO START

Should your tool fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check for blown fuses or open circuit breakers in the line.

LUBRICATION

This tool has been lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. No further lubrication is necessary.

BRUSH INSPECTION AND LUBRICATION

For your continued safety and electrical protection, brush inspection and replacement on this tool should ONLY be performed by an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE.

At approximately 100 hours of use, take or send your tool to your nearest authorized Porter-Cable Service Station to be thoroughly cleaned and inspected. Have worn parts replaced and lubricate with fresh lubricant. Have new brushes installed, and test the tool for performance.

Any loss of power before the above maintenance check may indicate the need for immediate servicing of your tool. DO NOT CONTINUE TO OPERATE TOOL UNDER THIS CONDITION. If proper operating voltage is present, return your tool to the service station for immediate service.

SERVICE AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. These operations, including brush inspection and replacement, should ONLY be performed by either an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE.DELTA FACTORY SERVICE CENTER. All repairs made by these agencies are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by anyone other than these agencies.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

A complete line of accessories is available from your Porter-Cable Delta Supplier, Porter-Cable Delta Factory Service Centers, and Porter-Cable Authorized Service Stations. Please visit our Web Site <u>www.porter-cable.com</u> for a catalog or for the name of your nearest supplier.

AWARNING Since accessories other than those offered by Porter-Cable •Delta have not been tested with this product, use of such accessories could be hazardous. For safest operation, only Porter-Cable•Delta recommended accessories should be used with this product.

PORTER-CABLE LIMITED ONE YEAR WARRANTY

Porter-Cable warrants its Professional Power Tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which, after examination, proves to be defective in workmanship or material during the warranty period. For repair or replacement return the complete tool or accessory, transportation prepaid, to your nearest Porter-Cable Service Center or Authorized Service Station. Proof of purchase may be required. This warranty does not apply to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our Service Centers or Authorized Service Stations.

ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL LAST ONLY FOR ONE (1) YEAR FROM THE DATE OF PURCHASE.

To obtain information on warranty performance please write to: PORTER-CABLE CORPORATION, 4825 Highway 45 North, Jackson, Tennessee 38305; Attention: Product Service. THE FOREGOING OBLIGATION IS PORTER-CABLE'S SOLE LIABILITY UNDER THIS OR ANY IMPLIED WARRANTY AND UNDER NO CIRCUMSTANCES SHALL PORTER-CABLE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

NOTES

PORTER-CABLE • DELTA SERVICE CENTERS (CENTROS DE SERVICIO DE PORTER-CABLE • DELTA) (CENTRE DE SERVICE PORTER-CABLE • DELTA)

Parts and Repair Service for Porter-Cable • Delta Power Tools are Available at These Locations (Obtenga Refaccion de Partes o Servicio para su Herramienta en los Siguientes Centros de Porter-Cable • Delta) (Locations où vous trouverez les pièces de rechange nécessaires ainsi qu'un service d'entretien)

ARIZONA

Tempe 85282 (Phoenix) 2400 West Southern Avenue Suite 105 Phone: (602) 437-1200 Fax: (602) 437-2200

CALIFORNIA

Ontario 91761 (Los Angeles) 3949A East Guasti Boad Phone: (909) 390-5555 Fax: (909) 390-5554 San Leandro 94577 (Oakland) 3039 Teagarden Street Phone: (510) 357-9762 Fax: (510) 357-7939

COLORADO

Arvada 80003 (Denver) 8175 Sheridan Blvd., Unit S Phone: (303) 487-1809 Fax: (303) 487-1868

FLORIDA

Davie 33314 (Miami) 4343 South State Rd. 7 (441) Unit #107 Phone: (954) 321-6635 Fax: (954) 321-6638 Tampa 33609 4538 W. Kennedy Boulevard Phone: (813) 877-9585 Fax: (813) 289-7948

GEORGIA

Forest Park 30297 (Atlanta) 5442 Frontage Road, Suite 112 Phone: (404) 608-0006 Fax: (404) 608-1123

ILL INOIS Addison 60101 (Chicago) 400 South Rohlwing Rd. Phone: (630) 424-8805 Fax: (630) 424-8895

Woodridge 60517 (Chicago) 2033 West 75th Street Phone: (630) 910-9200 Fax: (630) 910-0360

MARYLAND

Elkridge 21075 (Baltimore) 7397-102 Washington Blvd. Phone: (410) 799-9394 Fax: (410) 799-9398

MASSACHUSETTS

Braintree 02185 (Boston) 719 Granite Street Phone: (781) 848-9810 Fax: (781) 848-6759

Franklin 02038 (Boston) Franklin Industrial Park 101E Constitution Blvd. Phone: (508) 520-8802 Fax: (508) 528-8089

MICHIGAN

Madison Heights 48071 (Detroit) 30475 Stephenson Highway Phone: (248) 597-5000 Fax: (248) 597-5004

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Fax: (763) 561-0653

MISSOURI North Kansas City 64116 1141 Swift Avenue Phone: (816) 221-2070 Fax: (816) 221-2897

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175-25 Horace Harding Expwy.

оню Columbus 43214

4560 Indianola Avenue Phone: (614) 263-0929 Fax: (614) 263-1238

Cleveland 44125 8001 Sweet Valley Drive Unit #19 Phone: (216) 447-9030 Fax: (216) 447-3097

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PENNSYLVANIA

Willow Grove 19090 520 North York Road Phone: (215) 658-1430 Fax: (215) 658-1433

TEXAS Carrollton 75006 (Dallas)

1300 Interstate 35 N, Suite 112 Phone: (972) 446-2996 Fax: (972) 446-8157

Houston 77038 4321 Sam Houston Parkway, West Suite 180 Phone: (281) 260-8887 Fax: (281) 260-9989

WASHINGTON Auburn 98001(Seattle)

3320 West Valley HWY, North Building D. Suite 111 Phone: (253) 333-8353 Fax: (253) 333-9613

Authorized Service Stations are located in many large cities. Telephone 800-487-8665 or 731-541-6042 for assistance locating one. Parts and accessories for Porter-Cable • Delta products should be obtained by contacting any Porter-Cable • Delta Distributor, Authorized Service Center, or Porter-Cable • Delta Factory Service Center. If you do not have access to any of these, call 888-848-5175 and you will be directed to the nearest Porter-Cable • Delta Factory Service Center. Las Estaciones de Servicio Autorizadas están ubicadas en muchas grandes ciudades. Llame al 800-487-8665 ó al 731-541-6042 para obtener asistencia a fin de localizar una. Las piezas y los accesorios para los productos Porter-Cable • Delta deben obtenerse poniéndose en contacto con cualquier distribuidor Porter-Cable • Delta, Centro de Servicio Autorizado o Centro de Servicio de Fábrica Porter-Cable • Delta. Si no tiene acceso a ninguna de estas opciones, llame al 888-848-5175 y le dirigirán al Centro de Servicio de Fábrica Porter-Cable • Delta más cercano. Des centres de service agréés sont situés dans beaucoup de grandes villes. Appelez au 800-487-8665 ou au 731-541-6042 pour obtenir de l'aide pour en repérer un. Pour obtenir des pièces et accessoires pour les produits Porter-Cable • Delta, s'adresser à tout distributeur Porter-Cable • Delta, centre de service agréé ou centre de service d'usine Porter-Cable • Delta. Si vous n'avez accès à aucun de ces centres, appeler le 888-848-5175 et on vous dirigera vers le centre de service d'usine Porter-Cable • Delta le plus proche.

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